



OIPE

## RAW SEQUENCE LISTING

DATE: 03/04/2002

PATENT APPLICATION: US/10/074,511

TIME: 14:38:33

Input Set : A:\DEX-314seqlist.txt

Output Set: N:\CRF3\03042002\J074511.raw

**Does Not Comply  
Corrected Diskette Needed**

3 <110> APPLICANT: Salceda, Susana  
 4 Macina, Roberto  
 5 Hu, Ping  
 6 Recipon, Herve  
 7 Karra, Kalpana  
 8 Cafferkey, Robert  
 9 Liu, Chenghua  
 10 Sun, Yongming  
 12 <120> TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific Genes  
 and Proteins  
 14 <130> FILE REFERENCE: DEX-0314  
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/074,511  
 C--> 16 <141> CURRENT FILING DATE: 2002-02-12  
 16 <150> PRIOR APPLICATION NUMBER: 60/268,289  
 17 <151> PRIOR FILING DATE: 2001-02-13  
 19 <160> NUMBER OF SEQ ID NOS: 110  
 21 <170> SOFTWARE: PatentIn version 3.1

## ERRORED SEQUENCES

4394 <210> SEQ ID NO: 110  
 4395 <211> LENGTH: 876  
 4396 <212> TYPE: PRT  
 4397 <213> ORGANISM: Homo sapien  
 4399 <400> SEQUENCE: 110  
 4401 Ala Ser Ala Gly Ala Ala Gly Ser Leu Thr Arg Ser Pro Ser Ser Asp  
 4402 1 5 10 15  
 4405 Phe Gln Gly Ala Ser Val Glu Lys Lys Met Ala Gln Val Leu His Val  
 4406 20 25 30  
 4409 Pro Ala Pro Phe Pro Gly Thr Pro Gly Pro Ala Ser Pro Pro Ala Phe  
 4410 35 40 45  
 4413 Pro Ala Lys Asp Pro Asp Pro Pro Tyr Ser Val Glu Thr Pro Tyr Gly  
 4414 50 55 60  
 4417 Tyr Arg Leu Asp Leu Asp Phe Leu Lys Tyr Val Asp Asp Ile Glu Lys  
 4418 65 70 75 80  
 4421 Gly His Thr Leu Arg Arg Val Ala Val Gln Arg Arg Pro Arg Leu Ser  
 4422 85 90 95  
 4425 Ser Leu Pro Arg Gly Pro Gly Ser Trp Trp Thr Ser Thr Glu Ser Leu  
 4426 100 105 110  
 4429 Cys Ser Asn Ala Ser Gly Asp Ser Arg His Ser Ala Tyr Ser Tyr Cys  
 4430 115 120 125  
 4433 Gly Arg Gly Phe Tyr Pro Gln Tyr Gly Ala Leu Glu Thr Arg Gly Gly  
 4434 130 135 140

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```

4437 Phe Asn Pro Arg Val Glu Arg Thr Leu Leu Asp Ala Arg Arg Arg Leu
4438 145 150 155 160
4441 Glu Asp Gln Ala Ala Thr Pro Thr Gly Leu Gly Ser Leu Thr Pro Ser
4442 165 170 175
4445 Ala Ala Gly Ser Thr Ala Ser Leu Val Gly Val Gly Leu Pro Pro Pro
4446 180 185 190
4449 Thr Pro Arg Ser Ser Gly Leu Ser Thr Pro Val Pro Pro Ser Ala Gly
4450 195 200 205
4453 His Leu Ala His Val Arg Glu Gln Met Ala Gly Ala Leu Arg Lys Leu
4454 210 215 220
4457 Arg Gln Leu Glu Glu Gln Val Lys Leu Ile Pro Val Leu Gln Val Lys
4458 225 230 235 240
4461 Leu Ser Val Leu Gln Glu Glu Lys Arg Gln Leu Thr Val Gln Leu Lys
4462 245 250 255
4465 Ser Gln Lys Phe Leu Gly His Pro Thr Ala Gly Arg Gly Arg Ser Glu
4466 260 265 270
4469 Leu Cys Leu Asp Leu Pro Asp Pro Pro Glu Asp Pro Val Ala Leu Glu
4470 275 280 285
4473 Thr Arg Ser Val Gly Thr Trp Val Arg Glu Arg Asp Leu Gly Met Pro
4474 290 295 300
4477 Asp Gly Glu Ala Ala Leu Ala Ala Lys Val Ala Val Leu Glu Thr Gln
4478 305 310 315 320
4481 Leu Lys Lys Ala Leu Gln Glu Leu Gln Ala Ala Gln Ala Arg Gln Ala
4482 325 330 335
4485 Asp Pro Gln Pro Gln Ala Trp Pro Pro Pro Asp Ser Pro Val Arg Val
4486 340 345 350
4489 Asp Thr Val Arg Val Val Glu Gly Pro Arg Glu Val Glu Val Val Ala
4490 355 360 365
4493 Ser Thr Ala Ala Gly Ala Pro Ala Gln Arg Ala Gln Ser Leu Glu Pro
4494 370 375 380
4497 Tyr Gly Thr Gly Leu Arg Ala Leu Ala Met Pro Gly Arg Pro Glu Ser
4498 385 390 395 400
4501 Pro Pro Val Phe Arg Ser Gln Glu Val Val Glu Thr Met Cys Pro Val
4502 405 410 415
4505 Pro Ala Ala Ala Thr Ser Asn Val His Met Val Lys Lys Ile Ser Ile
4506 420 425 430
4509 Thr Glu Arg Ser Cys Asp Gly Ala Ala Gly Leu Pro Glu Val Pro Ala
4510 435 440 445
4513 Glu Ser Ser Ser Ser Pro Pro Gly Ser Glu Val Ala Ser Leu Thr Gln
4514 450 455 460
4517 Pro Glu Lys Ser Thr Gly Arg Val Pro Thr Gln Glu Pro Thr His Arg
4518 465 470 475 480
4521 Glu Pro Thr Arg Gln Ala Ala Ser Gln Glu Ser Glu Glu Ala Gly Gly
4522 485 490 495
4525 Thr Gly Gly Pro Pro Ala Gly Val Arg Ser Ile Met Lys Arg Lys Glu
4526 500 505 510
4529 Glu Val Ala Asp Pro Thr Ala His Arg Arg Ser Leu Gln Phe Val Gly
4530 515 520 525
4533 Val Asn Gly Gly Tyr Glu Ser Ser Ser Glu Asp Ser Ser Thr Ala Glu

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```

4534      530              535              540
4537 Asn Ile Ser Asp Asn Asp Ser Thr Glu Asn Glu Ala Pro Glu Pro Arg
4538 545              550              555              560
4541 Glu Arg Val Pro Ser Val Ala Glu Ala Pro Gln Leu Arg Pro Ala Gly
4542              565              570              575
4545 Thr Ala Ala Ala Lys Thr Ser Arg Gln Glu Cys Gln Leu Ser Arg Glu
4546              580              585              590
4549 Ser Gln His Ile Pro Thr Ala Glu Gly Ala Ser Gly Ser Asn Thr Glu
4550              595              600              605
4553 Glu Glu Ile Arg Met Glu Leu Ser Pro Asp Leu Ile Ser Ala Cys Leu
4554      610              615              620
4557 Ala Leu Glu Lys Tyr Leu Asp Asn Pro Asn Ala Leu Thr Glu Arg Glu
4558 625              630              635              640
4561 Leu Lys Val Ala Tyr Thr Thr Val Leu Gln Glu Trp Leu Arg Leu Ala
4562              645              650              655
4565 Cys Arg Ser Asp Ala His Pro Glu Leu Val Arg Arg His Leu Val Thr
4566              660              665              670
4569 Phe Arg Ala Met Ser Ala Arg Leu Leu Asp Tyr Val Val Asn Ile Ala
4570              675              680              685
4573 Asp Ser Asn Gly Asn Thr Ala Leu His Tyr Ser Val Ser His Ala Asn
4574      690              695              700
4577 Phe Pro Val Val Gln Gln Leu Leu Asp Ser Gly Val Cys Lys Val Asp
4578 705              710              715              720
4581 Lys Gln Asn Arg Ala Gly Tyr Ser Pro Ile Met Leu Thr Ala Leu Ala
4582              725              730              735
4585 Thr Leu Lys Thr Gln Asp Asp Ile Glu Thr Val Leu Gln Leu Phe Arg
4586              740              745              750
4589 Leu Gly Asn Ile Asn Ala Lys Ala Ser Gln Ala Gly Gln Thr Ala Leu
4590              755              760              765
4593 Met Leu Ala Val Ser His Gly Arg Val Asp Val Val Lys Ala Leu Leu
4594      770              775              780
4597 Ala Cys Glu Ala Asp Val Asn Val Gln Asp Asp Asp Gly Ser Thr Ala
4598 785              790              795              800
4601 Leu Met Cys Ala Cys Glu His Gly His Lys Glu Ile Ala Gly Leu Leu
4602              805              810              815
4605 Leu Ala Val Pro Ser Cys Asp Ile Ser Leu Thr Asp Arg Asp Gly Ser
4606              820              825              830
4609 Thr Ala Leu Met Val Ala Leu Asp Ala Gly Gln Ser Glu Ile Ala Ser
4610      835              840              845
4613 Met Leu Tyr Ser Arg Met Asn Ile Lys Cys Ser Phe Ala Pro Met Ser
4614      850              855              860
4617 Asp Asp Glu Ser Pro Thr Ser Ser Ser Ala Glu Glu
4618 865              870              875

```

E--&gt; 4624 1

remove extra material at end  
of file .

## VERIFICATION SUMMARY

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Input Set : A:\DEX-314seqlist.txt

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L:16 M:270 C: Current Application Number differs, Replaced Current Application No  
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:1105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:1146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:1794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44  
L:1796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44  
L:1933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49  
L:2079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53  
L:4624 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:110